

CONTENTS OF VOLUME 39

Number 1

Time-dependent Matrix Cracking in Cross-ply Laminates	1
The Effect of Soft Interleaved Layers on the Combined Transverse Cracking/	
Delamination Mechanisms in Composite Laminates	13
Steady-state Cracking in Ceramic Matrix Composites	29
Diagnosis of Axisymmetric Cracks in Orthotropic Cylindrical Shells by Vibration	
Measurement	45
Snap Buckling of Delaminated Composites under Pure Bending	63
Vibration Studies for Symmetrically Laminated Circular and Elliptical Plates	
Resting on Elastic Point Supports	75
Book Reviews	89
Conference Diary	94
Number 2	
Strain Energy Release Rates of an Interfacial Crack between Two Anisotropic	
Solids under Uniform Axial Strain	99
Investigation of High-Temperature Deformation Behavior of a SiC Whisker	
Reinforced 6061 Aluminium Composite	117
Fibre/Resin Compatibility in Glass/Phenolic Laminating Systems S. M. TAVAKOLI, M. AVELLA & M. G. PHILLIPS (UK)	127
387	
Composites Science and Technology (39) (1990)—© 1990 Elsevier Science Publishers England, Printed in Great Britain	Ltd,

The Use of Thin DCB Specimens for Measuring Mode I Interlaminar Fra Toughness of Composite Materials	actu	re . 147
G. CAPRINO (Italy)		
Experimental Investigation and Modelling of Damage Evolution/Propagat	ion i	in
Carbon/Epoxy Laminated Composites	,	. 159
C. L. CHOW (Hong Kong), X. J. XIAN & J. LAM (People's Republic of China)		
Book Review		. 185
BOOK REVIEW		. 105
Announcement		. 187
Conference Diary		. 188
Number 3		
Measurement of G_{le} and G_{lle} in Carbon/Epoxy Composites		. 193
P. DAVIES, C. MOULIN, H. H. KAUSCH & M. FISCHER (Switzer	rlanc	
Creep and Physical Aging of Composites	. 1/1	. 207
Transverse Tensile Strength of Glass/Polyester Unidirectionally Aligned Comp	osite	es
Determined in Diametral Compression		. 233
Casting and Extrusion Characteristics of an Al-Zn-Mg Alloy Comp	oosit	e
Containing TiO ₂ Dispersions	, , ,	. 245
P. K. BALASUBRAMANIAN, P. SRINIVASA RAO, B. C. PAI, K. G. SATYANARAYANA (India) & P. K. ROHATGI (USA)		
Mechanical Properties of Weft Knit Glass Fibre/Polyester Laminates C. D. RUDD, M. J. OWEN & V. MIDDLETON (UK)		. 261
Short Communication		
A Note on Finite Displacement Correction Factors for the End Notch Flo	exur	e
(ENF) Test		. 279
J. G. WILLIAMS (UK)		
Conference Diary		. 283
Number 4		
Damage Mechanics of Composite Materials: I—Measurements of Damage	and	
M. T. KORTSCHOT & P. W. R. BEAUMONT (UK)		. 289

		C	nteni	s of	v oiun	ne 39						36
Damage Mechanics of Strength Model . M. T. KORTSO									ased .	Note:	hed	30:
Design of a Laminated C. T. SUN & T					rolled	-Dam	age (Conce	ept			32
Evaluation of the Tran DONALD F. A DONALD M. I	DAMS	, TOI	DD R	. KII	NG &		Comp	osite	Mate	rials	٠	34
Moisture Absorption in G. CLARK, D. M. RICHMON	S. SAU	NDE	RS, 7				RICI	J M 8				355
Book Review .												377
Conference Diary.												380
Subject Index												204

386

Author Index



Contents of Composite Structures

As a service to readers, the contents list of the current issue of this sister journal is reproduced here.

Volume 15, Number 4

Strength of Sandwich Beams with Mid-Plane Debondings in the Core	279
Torsional Buckling and Post-buckling of Composite Geodetic Cylinders with Special Reference to Joint Flexibility J. S. SANDHU, K. A. STEVENS & G. A. O. DAVIES (UK)	301
Hygrothermal Influence on Mode I Edge Delamination in Composites	323
Fiber Composite Plates for Strengthening Bridge Beams	343
Book Review Design with Advanced Composite Materials. Edited by Leslie N. Phillips. The Design Council, London (Reviewed by I. H. Marshall)	357
Contents of Volume 15	358